

P24028.P01

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

P24028

Total Pages

Inventor(s) or Application Identifier

Chong-Oh KIM, Jong-Hee KIM, Yu-Quang HUANG and Sang-Im PARK

Title: RADIOACTIVE MAGNETIC FLUIDS FOR TREATMENT OR DIAGNOSIS OF CANCER, PROCESS FOR PREPARING THEM AND USE THEREOF

ADDRESS TO:

Commissioner for Patents  
Mail Stop Patent Application  
PO Box 1450  
Alexandria, VA 22313-1450

## APPLICATION ELEMENTS

## ACCOMPANYING APPLICATION PARTS

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
  - a. ☐ Small Entity Statement(s)
3. ☒ Specification (preferred arrangement set forth below) [Total Pages 24 ]
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 6 ]
5. ☒ Oath or Declaration [Total Pages 5 ]
  - a. ☒ Newly executed (original or copy) ☐ Unexecuted
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 20 completed)  
[Note Box 6 below]
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Incorporation By Reference (useable if Box 5b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
7. ☐ Application Data Sheet. See 37 CFR 1.76
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)

9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies
10. ☒ Assignment Papers (cover sheet & document(s))
11. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
12. ☐ English Translation Document (if applicable)
13. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
14. ☐ Preliminary Amendment
15. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
16. ☒ Figure of Drawing to be published 1
17. ☒ Foreign priority claimed
  - a. ☒ Claim of Priority
  - b. ☐ Certified Copy of Priority Document(s)
18. ☒ Assignee: Chong-Oh KIM of Daejeon, Republic of Korea
19. ☐ Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

- ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No. \_\_\_\_\_ / \_\_\_\_\_, filed \_\_\_\_\_.  
Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

21. ☐ Amend the specification by inserting before the first line the sentence:  
This application is a    continuation-in-part,    continuation,    divisional, of Application No. \_\_\_\_\_ / \_\_\_\_\_, filed \_\_\_\_\_.

Address all future correspondence to Customer No. 7055 at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

8/7/03

Date

*Bruce H. Bernstein* Reg No. 33,329  
signature

Bruce H. Bernstein, Reg. No. 29,027  
Typed or Printed Name

P24028.P02 <div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">             16179 U.S. P10              08/07/03           </div> </div> <div style="text-align: center; margin-top: 20px;"> <b>FEE TRANSMITTAL</b> </div>		<b>Complete if Known</b>			
		Application Number		Not Yet Assigned	
		Filing Date		Concurrently Herewith	
		First Named Inventor		Chong-Oh KIM et al.	
		Group Art Unit		Unassigned	
Examiner Name		Unassigned			
<b>TOTAL AMOUNT OF PAYMENT</b>		(\$) <b>415.00</b>		Attorney Docket Number P24028	

  

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																																				
<p>1. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <u>19-0089</u></p> <p>Deposit Account Name <u>GREENBLUM &amp; BERNSTEIN, P.L.C.</u></p> <p> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))           <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)           <input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27.         </p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:  <input checked="" type="checkbox"/> Check    <input type="checkbox"/> Credit Card    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other         </p> <p style="text-align: center;"><b>FEE CALCULATION (fees effective 01/01/03)</b></p> <p><b>1. FILING FEE</b></p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>750</td><td>2001</td><td>375</td><td>Utility filing fee</td><td><u>375.00</u></td></tr> <tr><td>1002</td><td>330</td><td>2002</td><td>165</td><td>Design filing fee</td><td><u>          </u></td></tr> <tr><td>1003</td><td>520</td><td>2003</td><td>260</td><td>Plant filing fee</td><td><u>          </u></td></tr> <tr><td>1004</td><td>750</td><td>2004</td><td>375</td><td>Reissue filing fee</td><td><u>          </u></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td><u>          </u></td></tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td><b>(\$)<u>375.00</u></b></td> </tr> </tbody> </table> <p><b>2. CLAIMS</b></p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>11 -20=</td> <td>0</td> <td>18</td> <td>0</td> </tr> <tr> <td>Independent 2 -3=</td> <td>0</td> <td>84</td> <td>0</td> </tr> <tr> <td>Multiple Dependent Claims 0</td> <td>0</td> <td>280</td> <td>0</td> </tr> </tbody> </table> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>1201</td><td>84</td><td>2201</td><td>42</td><td>Independent claims in excess of 3</td></tr> <tr><td>1203</td><td>280</td><td>2203</td><td>140</td><td>Multiple dependent claim</td></tr> <tr><td>1204</td><td>84</td><td>2204</td><td>42</td><td>Reissue independent claims over original patent</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td></tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td><b>(\$)<u>0.00</u></b></td> </tr> </tbody> </table>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1001	750	2001	375	Utility filing fee	<u>375.00</u>	1002	330	2002	165	Design filing fee	<u>          </u>	1003	520	2003	260	Plant filing fee	<u>          </u>	1004	750	2004	375	Reissue filing fee	<u>          </u>	1005	160	2005	80	Provisional filing fee	<u>          </u>	<b>SUBTOTAL (1)</b>					<b>(\$)<u>375.00</u></b>	Total Claims	Extra	Fee from below	Fee Paid	11 -20=	0	18	0	Independent 2 -3=	0	84	0	Multiple Dependent Claims 0	0	280	0	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	1202	18	2202	9	Claims in excess of 20	1201	84	2201	42	Independent claims in excess of 3	1203	280	2203	140	Multiple dependent claim	1204	84	2204	42	Reissue independent claims over original patent	1205	18	2205	9	Reissue claims in excess of 20 and over original patent	<b>SUBTOTAL (2)</b>					<b>(\$)<u>0.00</u></b>	<p><b>3. ADDITIONAL FEES</b></p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td><u>          </u></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td><u>          </u></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td><u>          </u></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td><u>          </u></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR</td><td><u>          </u></td></tr> <tr><td></td><td></td><td></td><td></td><td>Prior to Examiner action</td><td><u>          </u></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td><u>          </u></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for response within 1st month</td><td><u>          </u></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for response within 2nd month</td><td><u>          </u></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for response within 3rd month</td><td><u>          </u></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for response within 4th month</td><td><u>          </u></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for response within 5th month</td><td><u>          </u></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td><u>          </u></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td><u>          </u></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td><u>          </u></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td><u>          </u></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td><u>          </u></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive unintentionally abandoned application</td><td><u>          </u></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td><u>          </u></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td><u>          </u></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td><u>          </u></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td><u>          </u></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Petitions related to provisional applications</td><td><u>          </u></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of IDS</td><td><u>          </u></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td><u>40.00</u></td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td><u>          </u></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td><u>          </u></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td><u>          </u></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td><u>          </u></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td><u>          </u></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td><u>          </u></td></tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td><b>(\$)<u>40.00</u></b></td> </tr> </tbody> </table> <p>*Reduced by Basic Filing Fee paid</p>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath	<u>          </u>	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	<u>          </u>	1053	130	1053	130	Non-English specification	<u>          </u>	1812	2,520	1812	2,520	For filing a request for reexamination	<u>          </u>	1804	920*	1804	920*	Requesting publication of SIR	<u>          </u>					Prior to Examiner action	<u>          </u>	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	<u>          </u>	1251	110	2251	55	Extension for response within 1st month	<u>          </u>	1252	410	2252	205	Extension for response within 2nd month	<u>          </u>	1253	930	2253	465	Extension for response within 3rd month	<u>          </u>	1254	1,450	2254	725	Extension for response within 4th month	<u>          </u>	1255	1,970	2255	985	Extension for response within 5th month	<u>          </u>	1401	320	2401	160	Notice of Appeal	<u>          </u>	1402	320	2402	160	Filing a brief in support of an appeal	<u>          </u>	1403	280	2403	140	Request for oral hearing	<u>          </u>	1451	1,510	1451	1,510	Petition to institute a public use proceeding	<u>          </u>	1452	110	2452	55	Petition to revive unavoidably abandoned application	<u>          </u>	1453	1,300	2453	650	Petition to revive unintentionally abandoned application	<u>          </u>	1501	1,300	2501	650	Utility issue fee (or reissue)	<u>          </u>	1502	470	2502	235	Design issue fee	<u>          </u>	1503	630	2503	315	Plant issue fee	<u>          </u>	1460	130	1460	130	Petitions to the Commissioner	<u>          </u>	1807	50	1807	50	Petitions related to provisional applications	<u>          </u>	1806	180	1806	180	Submission of IDS	<u>          </u>	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	<u>40.00</u>	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	<u>          </u>	1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	<u>          </u>	1801	750	2801	375	Request for Continued Examination (RCE)	<u>          </u>	1802	900	1802	900	Request for expedited examination of a design application	<u>          </u>	Other fee (specify) _____					<u>          </u>	Other fee (specify) _____					<u>          </u>	<b>SUBTOTAL (3)</b>					<b>(\$)<u>40.00</u></b>
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																
1001	750	2001	375	Utility filing fee	<u>375.00</u>																																																																																																																																																																																																																																																																																																
1002	330	2002	165	Design filing fee	<u>          </u>																																																																																																																																																																																																																																																																																																
1003	520	2003	260	Plant filing fee	<u>          </u>																																																																																																																																																																																																																																																																																																
1004	750	2004	375	Reissue filing fee	<u>          </u>																																																																																																																																																																																																																																																																																																
1005	160	2005	80	Provisional filing fee	<u>          </u>																																																																																																																																																																																																																																																																																																
<b>SUBTOTAL (1)</b>					<b>(\$)<u>375.00</u></b>																																																																																																																																																																																																																																																																																																
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																																																																																																																																																		
11 -20=	0	18	0																																																																																																																																																																																																																																																																																																		
Independent 2 -3=	0	84	0																																																																																																																																																																																																																																																																																																		
Multiple Dependent Claims 0	0	280	0																																																																																																																																																																																																																																																																																																		
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description																																																																																																																																																																																																																																																																																																	
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																																																																																																																																	
1201	84	2201	42	Independent claims in excess of 3																																																																																																																																																																																																																																																																																																	
1203	280	2203	140	Multiple dependent claim																																																																																																																																																																																																																																																																																																	
1204	84	2204	42	Reissue independent claims over original patent																																																																																																																																																																																																																																																																																																	
1205	18	2205	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																																	
<b>SUBTOTAL (2)</b>					<b>(\$)<u>0.00</u></b>																																																																																																																																																																																																																																																																																																
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																
1051	130	2051	65	Surcharge - late filing fee or oath	<u>          </u>																																																																																																																																																																																																																																																																																																
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	<u>          </u>																																																																																																																																																																																																																																																																																																
1053	130	1053	130	Non-English specification	<u>          </u>																																																																																																																																																																																																																																																																																																
1812	2,520	1812	2,520	For filing a request for reexamination	<u>          </u>																																																																																																																																																																																																																																																																																																
1804	920*	1804	920*	Requesting publication of SIR	<u>          </u>																																																																																																																																																																																																																																																																																																
				Prior to Examiner action	<u>          </u>																																																																																																																																																																																																																																																																																																
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	<u>          </u>																																																																																																																																																																																																																																																																																																
1251	110	2251	55	Extension for response within 1st month	<u>          </u>																																																																																																																																																																																																																																																																																																
1252	410	2252	205	Extension for response within 2nd month	<u>          </u>																																																																																																																																																																																																																																																																																																
1253	930	2253	465	Extension for response within 3rd month	<u>          </u>																																																																																																																																																																																																																																																																																																
1254	1,450	2254	725	Extension for response within 4th month	<u>          </u>																																																																																																																																																																																																																																																																																																
1255	1,970	2255	985	Extension for response within 5th month	<u>          </u>																																																																																																																																																																																																																																																																																																
1401	320	2401	160	Notice of Appeal	<u>          </u>																																																																																																																																																																																																																																																																																																
1402	320	2402	160	Filing a brief in support of an appeal	<u>          </u>																																																																																																																																																																																																																																																																																																
1403	280	2403	140	Request for oral hearing	<u>          </u>																																																																																																																																																																																																																																																																																																
1451	1,510	1451	1,510	Petition to institute a public use proceeding	<u>          </u>																																																																																																																																																																																																																																																																																																
1452	110	2452	55	Petition to revive unavoidably abandoned application	<u>          </u>																																																																																																																																																																																																																																																																																																
1453	1,300	2453	650	Petition to revive unintentionally abandoned application	<u>          </u>																																																																																																																																																																																																																																																																																																
1501	1,300	2501	650	Utility issue fee (or reissue)	<u>          </u>																																																																																																																																																																																																																																																																																																
1502	470	2502	235	Design issue fee	<u>          </u>																																																																																																																																																																																																																																																																																																
1503	630	2503	315	Plant issue fee	<u>          </u>																																																																																																																																																																																																																																																																																																
1460	130	1460	130	Petitions to the Commissioner	<u>          </u>																																																																																																																																																																																																																																																																																																
1807	50	1807	50	Petitions related to provisional applications	<u>          </u>																																																																																																																																																																																																																																																																																																
1806	180	1806	180	Submission of IDS	<u>          </u>																																																																																																																																																																																																																																																																																																
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	<u>40.00</u>																																																																																																																																																																																																																																																																																																
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	<u>          </u>																																																																																																																																																																																																																																																																																																
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	<u>          </u>																																																																																																																																																																																																																																																																																																
1801	750	2801	375	Request for Continued Examination (RCE)	<u>          </u>																																																																																																																																																																																																																																																																																																
1802	900	1802	900	Request for expedited examination of a design application	<u>          </u>																																																																																																																																																																																																																																																																																																
Other fee (specify) _____					<u>          </u>																																																																																																																																																																																																																																																																																																
Other fee (specify) _____					<u>          </u>																																																																																																																																																																																																																																																																																																
<b>SUBTOTAL (3)</b>					<b>(\$)<u>40.00</u></b>																																																																																																																																																																																																																																																																																																

  

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Bruce H. Bernstein		Reg. Number	29,027
Signature				Deposit Account User ID	

Date 8/7/03  
 33,329